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## ABSTRACT OF THE DISCLOSURE

A high molecular weight ("HMW") protein of *Chlamydia*, the amino acid sequence thereof, and antibodies that specifically bind the HMW protein are disclosed as well  
5 as the nucleic acid sequence encoding the same. Also disclosed are prophylactic and therapeutic compositions, comprising the HMW protein, a fragment thereof, or an antibody that specifically binds the HMW protein or a portion thereof, or the nucleotide sequence encoding the HMW protein  
10 or a fragment thereof, including vaccines.

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